

**TRANSMITTAL OF FORMAL DRAWINGS**

OCT 18 2004

Docket No.  
7557/21In Re Application Of: **Dimitris N. Metaxas and Anant Madabhushi**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/736,455	12/15/03		20694	3762	3096

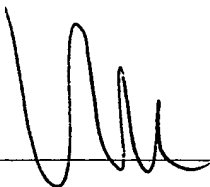
Invention: **Method and Apparatus for Automatically Detecting Breast Lesions and Tumors in Images**

Address to:

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Transmitted herewith are:

40 sheets of formal drawing(s) for this application.

☒ Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c).

Signature

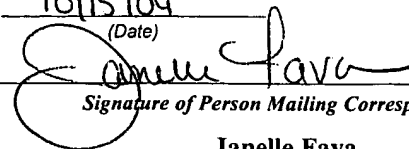
**Michael R. Friscia  
Registration No. 33,884  
Wolff & Samson PC  
One Boland Drive  
West Orange, NJ 07052  
Tel: (973) 530-2024  
Fax: (973) 530-2224**

Dated: 10/15/04

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

10/15/04

(Date)



Signature of Person Mailing Correspondence

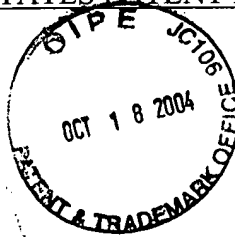
**Janelle Fava**

Typed or Printed Name of Person Mailing Correspondence

EFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Re: Our file: 7557/21  
Applicant: Dimitris N. Metaxas and Anant Madabhushi  
Serial No.: 10/736,455  
Filing Date: 12/15/03  
Title: Method and Apparatus for Automatically Detecting Breast Lesions and Tumors in Images

Examiner:  
Art Unit:

Sir:

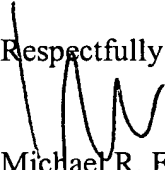
Enclosed for filing in the United States Patent and Trademark Office is the following:

1. Response to Notice to File Missing Parts
2. Copy of Notice to File Missing Parts
3. Declaration and Power of Attorney
4. Transmittal of Formal Drawings
5. Formal Drawings, FIGS. 1-19 (40 pages)
6. Check No. 80076 for \$1,554.00
7. Transmittal Sheet
8. Postcard Receipt

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter to the deposit account of the writer, **Account No. 06-2143**. A duplicate copy of this letter is enclosed.

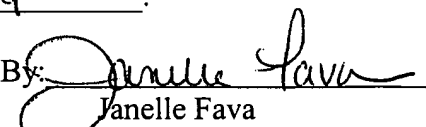
Respectfully submitted,

  
Michael R. Friscia  
Registration No. 33,884  
Wolff & Samson PC  
One Boland Drive  
West Orange, NJ 07052  
Tel: (973) 530-2024  
Fax: (973) 530-2224

10/15/04  
Date

enc.

I hereby certify that this correspondence is being deposited with the United States Postal Service, First Class Mail, postage prepaid, to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 10/15/04.

By:   
Janelle Fava

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.  
7557/21

In Re Application Of: **Dimitris N. Metaxas and Anant Madabhushi**

OCT 18 2004

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/736,455	12/15/03		20694	3762	3096

Invention: **Method and Apparatus for Automatically Detecting Breast Lesions and Tumors in Images**

Mail Stop Missing Parts

COMMISSIONER FOR PATENTS:

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on

03/24/04

*Date*

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☐ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☒ A properly signed oath or declaration in compliance with 37 CFR 1.63.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ \_\_\_\_\_ verified small entity declaration(s)
  - ☐ is/are attached.
  - ☐ was/were filed on \_\_\_\_\_
- ☐ A separate request for refund.
- ☒ Other (list):

**Transmittal of Formal Drawings**

10/19/2004 EAREGAY1 00000028 10736455

04 FC:2255

1040.00 IP

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.  
7557/21

In Re Application Of: **Dimitris N. Metaxas and Anant Madabhushi**

OCT 18 2004

Application No.  
10/736,455

Filing Date  
12/15/03

Examiner

Customer No.  
20694

Group Art Unit  
3762

Confirmation No.  
3096

Invention: **Method and Apparatus for Automatically Detecting Breast Lesions and Tumors in Images**

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

☒ Completion of application fees as calculated below:

☒ Utility application filing fee \$395.00

☐ Design application filing fee \_\_\_\_\_

☐ Total number of independent claims = \_\_\_\_\_ \_\_\_\_\_

☒ Total number of claims = 26 \$54.00

☐ Multiple dependent claims \_\_\_\_\_

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath \$65.00

☐ Petition and fee for filing by other than all the inventors or a person not the inventor \_\_\_\_\_

☐ Fee for processing an application filed with a non-English language specification \_\_\_\_\_

☐ Fee for processing and retention of application \_\_\_\_\_

Total completion of application fees \$514.00

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month ☐ Two months ☐ Three months ☐ Four months ☒ Five months

from: 05/24/04 until: 10/24/04  
*Date* *Date*

Total time extension fees \$1,040.00

Total fees due \$1,554.00

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Small Entity)**

Docket No.  
7557/21

In Re Application Of: **Dimitris N. Metaxas and Anant Madabhushi**

OCT 18 2004

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/736,455	12/15/03		20694	3762	3096

Invention: **Method and Apparatus for Automatically Detecting Breast Lesions and Tumors in Images**

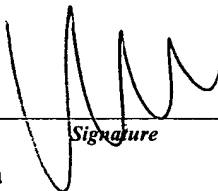
**TO THE COMMISSIONER FOR PATENTS:**

**Mail Stop Missing Parts**

The fee of **\$1,554.00** is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **06-2143**
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **06-2143**
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
Signature

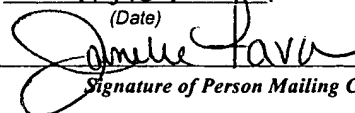
Dated: 10/15/04

**Michael R. Friscia  
Registration No. 33,884  
Wolff & Samson PC  
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Tel: (973) 530-2024  
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10/15/04

(Date)

  
Signature of Person Mailing Correspondence

**Janelle Fava**

Typed or Printed Name of Person Mailing Correspondence

CC:



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/736,455	12/15/2003	Dimitris N. Metaxas	7557/21

CONFIRMATION NO. 3096

## FORMALITIES LETTER



\*OC000000012176998\*

Date Mailed: 03/24/2004

Wolff & Samson PC  
 One Boland Drive  
 West Orange, NJ 07052

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

10/19/2004 EAREGAY1 00000028 10736455

01 FC:2001 395.00 OP  
 02 FC:2202 54.00 OP  
 03 FC:2051 65.00 OP

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 3a-3c, 6a-6d, 9a-9c, 11a-11c, 14a-14d, 16a-16d, 17a-17d, 18a-18d is too dark.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$54 as a small entity, including any required multiple dependent claim fee, are

10/19/2004 EAREGAY1 00000028 10736455

395.00 OP  
 54.00 OP  
 65.00 OP

01 FC:2001  
 02 FC:2202  
 03 FC:2051

required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$504** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$54**
  - **\$54** for **6** total claims over 20.

Replies should be mailed to:    Mail Stop Missing Parts  
   Commissioner for Patents  
   P.O. Box 1450  
   Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY